

# Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT001

**Test Designed by:** Aigerim Zhusubalieva

**Test Priority (Low/Medium/High):** H

**Test Designed date:** December 4, 2021

**Module Name:** Authorize

**Test Executed by:** Priyamvada Daga

**Test Title:** Authorize Using Google Sign in and SSO

**Test Execution date:** December 5, 2021

**Description:** Authorizes the user into the system

**Objective:** Test if Google and SSO are integrated correctly and user appears on the database

**Pre-conditions:** System is connected to a network

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	Click on Sign In button		System pops up a google sign in window	System pops up a google sign in window	completed	
2.	Insert a NYU email address	NYU email address "abc123@nyu.edu"	Return SSO page	Return SSO page	completed	
3.	Enter login information	Login information ( <a href="#">"abc123@nyu.edu"</a> , 'pass123') ( <a href="#">"abc123@nyu.edu"</a> , 'wrongpass')	Authorize the user into the system  Shows an error	Authorize the user into the system  Shows an error	completed  completed	

**Post-conditions:** 1. User is logged in

2. User is not logged in and an error message is shown.

# Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT002

**Test Designed by:** Ananta

**Test Priority (Low/Medium/High):** M

**Test Designed date:** December 4, 2021

**Module Name:** Search

**Test Executed by:** Ananta

**Test Title:** Product Searching

**Test Execution date:** December 5, 2021

**Description:** This module allows users to search for an item on the website through the search bar, for which the system displays all the available products that match the item description.

**Objective:** Displaying the results for an item that the user searched for.

**Pre-conditions:** User is logged into the system.

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	Click on search bar.	Location of the pointer on the screen.	When pressed on the search bar, keyboard pops up and the cursor starts blinking (indicating ready to take keyboard input)	When pressed on the search bar, keyboard pops up and the cursor starts blinking (indicating ready to take keyboard input)	completed	
2.	Type the search keywords or item name	“White” “Dress” “***” (any keyboard input)	“Proceed to step 3”		completed	
3.	Click on search button	Location of the pointer on the screen	Everything with white in the label shows up.  All items with dress in the label show up.  0 search results.	Everything with white in the label shows up.  All items with dress in the label show up.  0 search results.	Completed  Completed  completed	

**Post-conditions:** All items containing the search key word in the label are listed on the screen and the search bar shows the search query

## Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT003

**Test Designed by:** Ananta

**Test Priority (Low/Medium/High):** M

**Test Designed date:** December 4, 2021

**Module Name:** Bidding

**Test Executed by:** Ananta

**Test Title:** Bidding on an item

**Test Execution date:** December 5, 2021

**Description:** Lets an user bid on an item they want to buy

**Objective:** Let the buyer bid on an item and let them compete against other buyers to get an item

**Pre-conditions:** There is an item for sale by a seller and he has chosen to sell it with the bidding system

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	User searches for an item	Item name or description	The system displays all available items matching the name or description	The system displays all available items matching the name or description	completed	
2.	Item has a bid on it		The system displays the base price and the highest bid on the item	The system displays the base price and the highest bid on the item	completed	
3.	User places a higher bid	A bid higher than the previous bid	The system updates the highest bid to the one recently placed by the most recent user.	The system updates the highest bid to the one recently placed by the most recent user.	completed	

**Post-conditions:** This item is displayed with the highest bid that was placed by the most recent buyer.

# Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT004

**Test Designed by:** Ananta

**Test Priority (Low/Medium/High):** H

**Test Designed date:** December 4, 2021

**Module Name:** Buying

**Test Executed by:** Ananta

**Test Title:** Buying an item with a fixed price

**Test Execution date:** December 5, 2021

**Description:** Lets an user buy an item with a fixed price

**Objective:** Let the buyer buy an item

**Pre-conditions:** There is an item for sale by a seller and he has chosen to sell it with a fixed price

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	User searches for an item	Item name “Shirt”	The system displays all available items matching the name	The system displays all available items matching the name or description	completed	
2.	The user clicks on the item he wants to buy	Mouse input	The system displays the description, image and price of the item	The system displays the price of the item	completed	
3.	User agrees to pay the price and buy the item		The seller contacts the user and the item is marked as sold	The seller contacts the user and the item is marked as sold	completed	

**Post-conditions:** This item is sold to that certain buyer.

# Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT005

**Test Designed by:** Ananta

**Test Priority (Low/Medium/High):** H

**Test Designed date:** December 4, 2021

**Module Name:** Posting

**Test Executed by:** Ananta

**Test Title:** Product posting by the seller

**Test Execution date:** December 5, 2021

**Description:** Let a user post a product for sale

**Objective:** Let the seller with a product post it in the website for sale.

**Pre-conditions:** Seller is logged in into the website

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	Seller clicks on create a new post button	Location of the pointer on the screen	A pop up shows up allowing the user to further describe the product	A pop up shows up allowing the user to further describe the product	completed	
2.	User provides a description of the product	Text input describing the product	System stores the product description	System stores the product description	completed	
3.	User has to attach a picture of the product	A picture displaying the picture	System stores the product picture	System stores the product picture	completed	
5.	User clicks on the post button	Location of the pointer on the screen	System displays the product in the website along with the picture and its description	System displays the product in the website along with the picture and its description	completed	

**Post-conditions:** The product is listed in the available products for sale and can be viewed by potential buyers

# Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT006

**Test Designed by:** Ananta

**Test Priority (Low/Medium/High):** M

**Test Designed date:** December 4, 2021

**Module Name:** Browsing

**Test Executed by:** Ananta

**Test Title:** Product Browsing by a user

**Test Execution date:** December 5, 2021

**Description:** Lets a user browse products by category

**Objective:** Shows various categories of products and gives user the option to choose one so as to only display products of that category

**Pre-conditions:** User has logged in into the website

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	User selects the menu bar	User input (by clicking on the menu bar)	The menu bar shows the various categories of products	The menu bar shows the various categories of products	completed	
2.	User selects a category of product to view	User input (by selecting a product category)	The system displays all products which fall under the product category.	The system displays all products which fall under the product category.	completed	

**Post-conditions:** All products of that certain category are displayed

## Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT007

**Test Designed by:** Ananta

**Test Priority (Low/Medium/High):** H

**Test Designed date:** December 4, 2021

**Module Name:** Chat

**Test Executed by:** Ananta

**Test Title:** Chat

**Test Execution date:** December 5, 2021

**Description:** Let buyers and sellers contact each other by the chat feature

**Objective:** Test if a predictive model is trained successfully when optional parameters are given using Random Forests ML Technique with a train-test split of the dataset

**Pre-conditions:** The user is logged in

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	User clicks on the product they wish to buy	User input (by selecting a product)	The system displays the product, its description and its seller	The system displays the product, its description and its seller	completed	
2.	User chooses to chat with the buyer/seller	User input (by selecting a product category)	A chat pop up opens which allows the user to chat with the respective buyer/seller	A chat pop up opens which allows the user to chat with the respective buyer/seller	completed	
3.	User chooses to delete a chat	Right click on the chat and select the delete option	The corresponding chat gets deleted	The corresponding chat gets deleted	completed	

**Post-conditions:** The user can successfully chat with the respective buyer/seller.

# Test Case

**Project Name:** NYUTRADE

**Test Case ID:** NT008

**Test Designed by:** Ananta

**Test Priority (Low/Medium/High):** L

**Test Designed date:** December 4, 2021

**Module Name:** Request

**Test Executed by:** Ananta

**Test Title:** Product requesting by a user

**Test Execution date:** December 5, 2021

**Description:** Let a user request a product

**Objective:** Test to let the user request for a product on the website.

**Pre-conditions:** User is logged in into the website

Step	Test Steps	Test Data	Expected Results	Actual Results	Status	Notes
1.	Seller clicks on request new item	Location of the pointer on the screen	A pop up shows up allowing the user to further describe the product	A pop up shows up allowing the user to further describe the product	completed	
2.	User provides a description of the product	Text input describing the product	System stores the product description	System stores the product description	completed	
3.	User clicks on the post button	Location of the pointer on the screen	System displays the product in the website along with its description and the user who requested it	System displays the product in the website along with its description and the user who requested it	completed	

**Post-conditions:** The product is listed in the available products requested and can be viewed by potential sellers